

Physical Properties of the Soils

Conecuh County, Alabama

NOTE: Entries under "Erosion factors--T" apply to the entire profile. Entries under "Wind erodibility group" and "Wind erodibility index" apply only to the surface layer. Absence of an entry indicates that data were not estimated.

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Permea- bility (Ksat)	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
										Kw	Kf	T		
	In	Pct	Pct	Pct	g/cc	In/hr	In/in	Pct	Pct					
ArE:														
Arundel-----	0-7	---	---	2-12	1.40-1.70	1.98-5.95	0.06-0.12	0.0-2.9	0.5-1.0	.28	.28	3	---	---
	7-24	---	---	35-78	1.55-1.65	0.00-0.06	0.12-0.18	6.0-8.9	---	.32	.37			
	24-60	---	---	0-0	---	0.00-0.00	0.00-0.00	---	---	---	---			
AtA:														
Atmore-----	0-14	---	---	2-12	1.35-1.65	0.57-1.98	0.12-0.20	0.0-2.9	0.5-3.0	.32	.32	5	3	86
	14-38	---	---	6-18	1.35-1.60	0.57-1.98	0.16-0.24	0.0-2.9	---	.37	.37			
	38-62	---	---	15-40	1.45-1.65	0.20-0.57	0.18-0.22	0.0-2.9	---	.32	.32			
BbA:														
Bibb-----	0-32	---	---	2-18	1.50-1.70	0.57-1.98	0.12-0.18	0.0-2.9	1.0-3.0	.20	.20	5	3	86
	32-60	---	---	2-18	1.45-1.75	0.57-1.98	0.10-0.20	0.0-2.9	0.5-1.0	.37	.37			
BgA:														
Bigbee-----	0-6	---	---	1-10	1.40-1.50	5.95-19.98	0.05-0.10	0.0-2.9	0.5-2.0	.10	.10	5	---	---
	6-80	---	---	1-10	1.40-1.50	5.95-19.98	0.05-0.08	0.0-2.9	---	.17	.17			
BoA:														
Bonneau-----	0-28	---	---	5-15	1.30-1.70	5.95-19.98	0.05-0.11	0.0-2.9	0.5-2.0	.10	.10	5	2	134
	28-43	---	---	13-35	1.40-1.60	0.57-1.98	0.10-0.15	0.0-2.9	0.0-0.5	.20	.20			
	43-72	---	---	15-40	1.40-1.60	0.57-1.98	0.10-0.16	0.0-2.9	0.0-0.5	.20	.20			
CaA:														
Cahaba-----	0-14	---	---	7-17	1.35-1.60	1.98-5.95	0.10-0.14	0.0-2.9	0.5-2.0	.24	.24	5	3	86
	14-37	---	---	18-35	1.35-1.60	0.57-1.98	0.12-0.20	0.0-2.9	---	.28	.28			
	37-72	---	---	4-20	1.40-1.70	1.98-19.98	0.05-0.10	0.0-2.9	---	.24	.24			
CbA:														
Cahaba-----	0-12	---	---	7-17	1.35-1.60	1.98-5.95	0.10-0.14	0.0-2.9	0.5-2.0	.24	.24	5	3	86
	12-37	---	---	18-35	1.35-1.60	0.57-1.98	0.12-0.20	0.0-2.9	---	.28	.28			
	37-80	---	---	4-20	1.40-1.70	1.98-19.98	0.05-0.10	0.0-2.9	---	.24	.24			
Bigbee-----	0-6	---	---	1-10	1.40-1.50	5.95-19.98	0.05-0.10	0.0-2.9	0.5-2.0	.10	.10	5	---	---
	6-80	---	---	1-10	1.40-1.50	5.95-19.98	0.05-0.08	0.0-2.9	---	.17	.17			

Physical Properties of the Soils, cont.

Conecuh County, Alabama

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Permea- bility (Ksat)	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
										Kw	Kf	T		
	In	Pct	Pct	Pct	g/cc	In/hr	In/in	Pct	Pct					
ChA:														
Chrysler-----	0-6	---	---	10-20	1.35-1.55	0.57-1.98	0.12-0.16	0.0-2.9	0.5-2.0	.28	.28	5	3	86
	6-72	---	---	35-60	1.20-1.50	0.06-0.20	0.14-0.18	3.0-5.9	0.0-0.5	.32	.32			
	72-90	---	---	10-60	1.20-1.50	0.06-0.20	0.12-0.16	0.0-2.9	0.0-0.5	.32	---			
Yonges-----	0-3	---	---	10-27	1.30-1.60	0.57-1.98	0.15-0.20	0.0-2.9	1.0-5.0	.28	.28	5	5	56
	3-57	---	---	18-40	1.30-1.60	0.20-0.57	0.13-0.18	0.0-2.9	---	.17	.17			
	57-90	---	---	10-35	1.30-1.50	0.57-1.98	0.12-0.16	0.0-2.9	---	.20	.20			
	60-80	---	---	---	---	---	---	---	---	---	---			
CoC:														
Conecuh-----	0-3	---	---	7-25	1.40-1.60	0.57-1.98	0.10-0.15	0.0-2.9	0.5-2.0	.28	.28	5	3	86
	3-50	---	---	45-70	1.30-1.55	0.00-0.06	0.08-0.19	6.0-8.9	0.0-0.5	.32	.32			
	50-72	---	---	---	---	0.00-0.00	---	---	---	---	---			
CwC:														
Cowarts-----	0-11	---	---	5-20	1.30-1.65	1.98-5.95	0.08-0.13	0.0-2.9	1.0-3.0	.24	.24	4	3	86
	11-18	---	---	10-30	1.30-1.50	0.57-1.98	0.10-0.16	0.0-2.9	0.2-1.0	.28	.28			
	18-25	---	---	25-40	1.30-1.50	0.20-1.98	0.10-0.16	0.0-2.9	0.0-0.5	.28	.28			
	25-60	---	---	18-35	1.65-1.80	0.06-0.57	0.10-0.14	0.0-2.9	0.0-0.5	.24	.24			
FuB:														
Fuquay-----	0-29	---	---	2-10	1.60-1.70	5.95-19.98	0.04-0.09	0.0-2.9	0.5-2.0	.15	.15	5	2	134
	29-35	---	---	10-35	1.40-1.60	0.57-1.98	0.12-0.15	0.0-2.9	---	.20	.20			
	35-75	---	---	20-35	1.40-1.60	0.06-0.20	0.10-0.13	0.0-2.9	---	.20	.20			
GrA:														
Greenville-----	0-9	---	---	5-20	1.30-1.65	0.57-5.95	0.07-0.14	0.0-2.9	0.5-2.0	.24	.24	5	3	86
	9-80	---	---	35-55	1.35-1.55	0.57-1.98	0.14-0.18	0.0-2.9	0.0-0.5	.17	.17			
GrB:														
Greenville-----	0-9	---	---	5-20	1.30-1.65	0.57-5.95	0.07-0.14	0.0-2.9	0.5-2.0	.24	.24	5	3	86
	9-80	---	---	35-55	1.35-1.55	0.57-1.98	0.14-0.18	0.0-2.9	0.0-0.5	.17	.17			
GuC:														
Greenville-----	0-9	---	---	5-20	1.30-1.65	0.57-5.95	0.07-0.14	0.0-2.9	0.5-2.0	.24	.24	5	3	86
	9-80	---	---	35-55	1.35-1.55	0.57-1.98	0.14-0.18	0.0-2.9	0.0-0.5	.17	.17			
Urban Land-----	0-60	---	---	---	---	---	0.00-0.00	---	---	---	---	-	---	---

Physical Properties of the Soils, cont.

Conecuh County, Alabama

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Permea- bility (Ksat)	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
										Kw	Kf	T		
	In	Pct	Pct	Pct	g/cc	In/hr	In/in	Pct	Pct					
GyC:														
Gritney-----	0-13	---	---	10-25	1.30-1.50	1.98-5.95	0.08-0.12	0.0-2.9	0.5-2.0	.28	.28	4	3	86
	13-49	---	---	35-60	1.30-1.50	0.06-0.20	0.10-0.17	3.0-5.9	0.0-0.5	.32	.32			
	49-80	---	---	10-35	1.30-1.50	0.06-5.95	0.06-0.12	0.0-2.9	0.0-0.1	.20	.28			
Malbis-----	0-6	---	---	10-25	1.30-1.60	0.57-1.98	0.10-0.15	0.0-2.9	0.5-1.0	.24	.24	5	3	86
	6-28	---	---	18-33	1.30-1.70	0.57-1.98	0.12-0.20	0.0-2.9	---	.28	.28			
	28-37	---	---	20-35	1.40-1.60	0.57-1.98	0.12-0.17	0.0-2.9	---	.28	.28			
	37-72	---	---	20-35	1.45-1.70	0.20-0.57	0.06-0.12	0.0-2.9	---	.28	.28			
Fuquay-----	0-29	---	---	2-10	1.60-1.70	5.95-19.98	0.04-0.09	0.0-2.9	0.5-2.0	.15	.15	5	2	134
	29-35	---	---	10-35	1.40-1.60	0.57-1.98	0.12-0.15	0.0-2.9	---	.20	.20			
	35-75	---	---	20-35	1.40-1.60	0.06-0.20	0.10-0.13	0.0-2.9	---	.20	.20			
HaC:														
Halso-----	0-5	---	---	6-20	1.30-1.60	0.57-1.98	0.11-0.15	0.0-2.9	0.5-2.0	.28	.28	4	3	86
	5-41	---	---	40-70	1.10-1.40	0.00-0.06	0.12-0.18	6.0-8.9	0.0-0.5	.32	.32			
	41-48	---	---	25-65	1.30-1.65	0.00-0.06	0.12-0.18	3.0-5.9	0.0-0.5	.24	.37			
	48-60	---	---	---	---	0.00-0.00	---	---	---	---	---			
IbA:														
Izagora-----	0-8	---	---	10-20	1.40-1.60	1.98-5.95	0.16-0.22	0.0-2.9	0.5-2.0	.37	.37	5	5	56
	8-33	---	---	18-30	1.40-1.60	0.57-1.98	0.12-0.20	0.0-2.9	---	.32	.32			
	33-80	---	---	35-55	1.30-1.60	0.06-0.20	0.16-0.20	3.0-5.9	---	.32	.32			
Bethera-----	0-6	---	---	5-20	1.30-1.50	0.57-1.98	0.11-0.16	0.0-2.9	1.0-6.0	.24	.24	5	3	86
	6-62	---	---	35-50	1.10-1.50	0.06-0.57	0.14-0.18	3.0-5.9	0.5-1.0	.32	.32			
LuC:														
Luverne-----	0-6	---	---	7-20	1.35-1.65	1.98-5.95	0.11-0.15	0.0-2.9	0.5-1.0	.24	.24	5	3	86
	6-28	---	---	35-50	1.25-1.55	0.20-0.57	0.12-0.18	3.0-5.9	---	.28	.28			
	28-40	---	---	20-40	1.35-1.65	0.20-0.57	0.12-0.18	0.0-2.9	---	.28	.28			
	40-65	---	---	10-35	1.35-1.65	0.20-0.57	0.05-0.10	0.0-2.9	---	.28	.28			
LuD:														
Luverne-----	0-6	---	---	7-20	1.35-1.65	1.98-5.95	0.11-0.15	0.0-2.9	0.5-1.0	.24	.24	5	3	86
	6-28	---	---	35-50	1.25-1.55	0.20-0.57	0.12-0.18	3.0-5.9	---	.28	.28			
	28-40	---	---	20-40	1.35-1.65	0.20-0.57	0.12-0.18	0.0-2.9	---	.28	.28			
	40-65	---	---	10-35	1.35-1.65	0.20-0.57	0.05-0.10	0.0-2.9	---	.28	.28			
MaB:														
Malbis-----	0-6	---	---	10-25	1.30-1.60	0.57-1.98	0.10-0.15	0.0-2.9	0.5-1.0	.24	.24	5	3	86
	6-28	---	---	18-33	1.30-1.70	0.57-1.98	0.12-0.20	0.0-2.9	---	.28	.28			
	28-37	---	---	20-35	1.40-1.60	0.57-1.98	0.12-0.17	0.0-2.9	---	.28	.28			
	37-72	---	---	20-35	1.45-1.70	0.20-0.57	0.06-0.12	0.0-2.9	---	.28	.28			

Physical Properties of the Soils, cont.

Conecuh County, Alabama

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Permea- bility (Ksat)	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
										Kw	Kf	T		
	In	Pct	Pct	Pct	g/cc	In/hr	In/in	Pct	Pct					
OcC:														
Oktibbeha-----	0-3	---	---	27-40	1.20-1.50	0.06-1.98	0.13-0.17	3.0-5.9	3.0-6.0	.32	.32	5	6	48
	3-36	---	---	60-80	1.00-1.30	0.00-0.06	0.12-0.16	6.0-8.9	---	.32	.32			
	36-60	---	---	50-70	1.10-1.40	0.00-0.06	0.05-0.10	6.0-8.9	---	.32	.32			
Cadeville-----	0-4	---	---	10-27	1.30-1.65	0.57-1.98	0.15-0.20	0.0-2.9	0.5-5.0	.37	.37	5	---	---
	4-40	---	---	39-60	1.20-1.45	0.00-0.06	0.18-0.20	6.0-8.9	---	.32	.32			
	40-72	---	---	30-60	1.20-1.65	0.06-0.20	0.18-0.20	6.0-8.9	---	.32	.32			
OrB:														
Orangeburg-----	0-6	---	---	7-15	1.30-1.50	1.98-5.95	0.07-0.10	0.0-2.9	0.5-2.0	.20	.20	5	3	86
	6-12	---	---	7-18	1.50-1.65	1.98-5.95	0.09-0.12	0.0-2.9	---	.20	.20			
	12-72	---	---	18-35	1.60-1.75	0.57-1.98	0.11-0.14	0.0-2.9	---	.24	.24			
OsE:														
Oktibbeha-----	0-3	---	---	27-40	1.20-1.50	0.06-1.98	0.13-0.17	3.0-5.9	3.0-6.0	.32	.32	5	6	48
	3-36	---	---	60-80	1.00-1.30	0.00-0.06	0.12-0.16	6.0-8.9	---	.32	.32			
	36-60	---	---	50-70	1.10-1.40	0.00-0.06	0.05-0.10	6.0-8.9	---	.32	.32			
Saffell-----	0-5	---	---	5-20	1.30-1.60	1.98-5.95	0.08-0.20	0.0-2.9	1.0-2.0	.24	.24	5	3	86
	5-28	---	---	10-35	1.35-1.60	0.06-1.98	0.06-0.15	0.0-2.9	0.5-1.0	.28	.28			
	28-43	---	---	12-35	1.35-1.60	0.57-1.98	0.06-0.12	0.0-2.9	0.0-0.5	.28	.32			
	43-60	---	---	10-25	1.30-1.65	0.57-5.95	0.04-0.11	0.0-2.9	0.0-0.5	.17	.20			
OuC:														
Orangeburg-----	0-6	---	---	7-15	1.30-1.50	1.98-5.95	0.07-0.10	0.0-2.9	0.5-2.0	.20	.20	5	3	86
	6-12	---	---	7-18	1.50-1.65	1.98-5.95	0.09-0.12	0.0-2.9	---	.20	.20			
	12-72	---	---	18-35	1.60-1.75	0.57-1.98	0.11-0.14	0.0-2.9	---	.24	.24			
Urban Land-----	0-60	---	---	---	---	---	0.00-0.00	---	---	---	---	-	---	---
PITS:														
Pits-----	0-60	---	---	---	---	---	0.00-0.00	---	---	---	---	-	8	0
PoB:														
Poarch-----	0-8	---	---	5-15	1.35-1.55	1.98-5.95	0.10-0.15	0.0-2.9	0.5-1.0	.20	.20	5	3	86
	8-44	---	---	8-18	1.35-1.55	0.57-1.98	0.10-0.20	0.0-2.9	---	.24	.24			
	44-72	---	---	10-25	1.45-1.65	0.20-0.57	0.10-0.20	0.0-2.9	---	.24	.24			
RbB:														
Red Bay-----	0-5	---	---	7-20	1.40-1.55	1.98-5.95	0.07-0.14	0.0-2.9	0.5-2.0	.20	.20	5	3	86
	5-9	---	---	10-25	1.30-1.60	0.57-5.95	0.10-0.14	0.0-2.9	---	.15	.15			
	9-80	---	---	18-35	1.30-1.50	0.57-1.98	0.12-0.17	0.0-2.9	---	.17	.17			
TaC:														
Troup-----	0-62	---	---	2-12	1.30-1.70	5.95-19.98	0.08-0.12	0.0-2.9	0.5-1.0	.10	.10	5	2	134
	62-92	---	---	15-35	1.40-1.60	0.57-1.98	0.10-0.13	0.0-2.9	---	.20	.20			

Physical Properties of the Soils, cont.

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